

RECOMBINANT PROTEIN PRODUCTION IN BOVINE ADENOVIRUS  
EXPRESSION VECTOR SYSTEM

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Abstract of the Disclosure

10 The present invention relates novel live bovine  
adenovirus (BAV) expression vector systems in which part  
or all of one or both of the early region 1 (E1) and  
early region 3 (E3) genes are deleted and replaced by a  
foreign gene or fragment thereof and novel recombinant  
mammalian cell lines stably transformed with BAV E1  
sequences, and therefore, express E1 gene products  
capable of allowing replication therein of a bovine  
15 adenovirus having an E1 deletion replaced by a  
heterologous nucleotide sequence encoding a foreign gene  
or fragment thereof and their use in production of  
(antigenic) polypeptides or fragments thereof for the  
purpose of live recombinant virus or subunit vaccine or  
20 for other therapies.

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